Abstract

TRAFFIC CONTROL METHOD AND SYSTEM

A system and method of scheduling traffic from a plurality of queues onto a link is disclosed. At least one of the queues has an agreed bandwidth requirement and at least one of the queues has no agreed bandwidth requirement. The method comprises the steps of assigning a weight to each queue having an agreed bandwidth requirement, the weight being determined in dependence on the bandwidth requirement, grouping the queues having no agreed bandwidth requirement into a group, Q*, and assigning a weight to the group, and scheduling the queues for transmission on the link in dependence on their assigned weight and on a last transmission time for the respective queue, wherein if a scheduled queue has no traffic to transmit another queue is scheduled, the group Q* being scheduled after the other queues.